

ABSTRACT OF THE DISCLOSURE

A data reproducing method reproduces data corresponding to a state-transition pass selected as being most likely according to a Viterbi decoding  
5 algorithm from a reproduction signal supplied from a recording medium. The data reproducing method comprises the steps of detecting at least one state of the reproduction signal according to data used for selecting the state-transition pass, calculating  
10 an average value of the reproduction signal in the state detected by the step of detecting, and following a fluctuation amount of a direct current component of the reproduction signal according to the average value.

TOP SECRET